



CLEAN VERSION OF AMENDMENTS


IN THE SPECIFICATION


 Delete the sequence listing shown on separate pages 1-2 of the specification, and substitute with the sequence listing shown on attached replacement pages 1-4.

 Amend the paragraph on page 3, lines 9-15, as follows:

We have found that this object is achieved by the peptide fragments according to the invention having the general sequence

His-X¹-His-X²-X³-X⁴-Cys-X⁵-X⁶-Cys, (SEQ ID NO:1)

 where the variables X¹ to X⁶ in the sequence have the following meanings:

 Amend the paragraph on page 4, lines 10-17, as follows:

The general sequence His-X¹-His-X²-X³-X⁴-Cys-X⁵-X⁶-Cys, (SEQ ID NO:1) corresponds to SEQ ID No:1 where X¹ corresponds to the amino acids designated Xaa in position 2 in SEQ ID NO:1, and X² corresponds to Xaa in position 4, X³ corresponds to Xaa in position 5, X⁴ corresponds to Xaa in position 6, X⁵ corresponds to Xaa in position 8 and X⁶ corresponds to Xaa in position 9. The amino acids mentioned above for X¹ to X⁶ may represent the corresponding amino acids designated Xaa in SEQ ID NO:1.

Amend the paragraph on page 13; lines 1-5, as follows:

- a) preparing a nucleic acid library starting from any suitable nucleic acid sequence which codes for a protein fragment of the sequence

His-X¹-His-X²-X³-X⁴-Cys-X⁵-X⁶-Cys, (SEQ ID NO:1),

Amend the paragraph on page 16, lines 29-43, as follows:

For the PCR, the plasmid egfp and the two following complementary oligonucleotides

5'-GCAATACCATGGGGCATNNNCATNNNNNNNNNTGTNNNNNTGTGTGAGGAAGGGCGAG-3' (SEQ ID NO:6)

5'-CAGTTGGAATTCTAGAG-3' (SEQ ID NO:7)

were used. In the case of his6-egfp, the following two complementary primers

5'-GCAATACCATGGGGCATCATCATCATCATGTGAGGAAGGGCGAG-3' (SEQ ID NO:8)

5'-CAGTTGGAATTCTAGAG-3' (SEQ ID NO:9)

were used.

Amend the paragraph on page 20, lines 41-44, as follows:

The ATPase-439 comparison clone was carried out in analogy to

Example 1 and 6. The primer used was the following primer

5'-GCAATACCATGGGGCATATTCATAATCTTGATTGTCCTGATTGT-3' (SEQ ID

NO:10). The other primers and the PCR conditions were as

described in Example 1.